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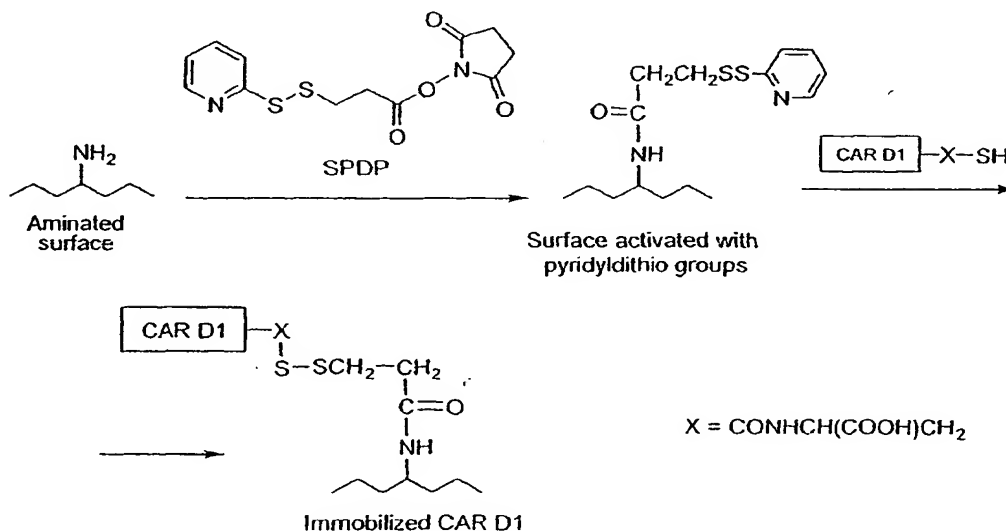
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[Continued on next page]

(54) Title: USE OF RECEPTOR SEQUENCES FOR IMMOBILIZING GENE VECTORS ON SURFACES



(57) Abstract: The present invention relates to compositions and methods of immobilizing a viral vector to an implantable medical device, for example a vascular stent. Specifically, a composition for delivery of a therapeutic agent is provided which includes: a gene transfer vector, a surface and a modified protein, wherein the gene transfer vector is bound to the modified protein and the modified protein is covalently bound to the surface and wherein the composition is adapted to deliver the gene transfer vector to a mammalian cell. The viral vector is preferably an adenoviral vector and the modified protein is preferably CAR D1.



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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